

# **BLACK CANYON OF THE GUNNISON NATIONAL MONUMENT**

## **PUBLIC USE COUNTING AND REPORTING INSTRUCTIONS**

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by Black Canyon of the Gunnison National Monument. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Socio-Economic Studies Division to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

### **Recreation Visits**

1. An inductive loop traffic counter is located on the entrance lane of South Rim Drive. The traffic count is reduced for buses and nonreportable vehicles (see Table 1). The reduced traffic count is multiplied by the persons-per-vehicle (PPV) multiplier in Table 2.
2. The number of bus visitors.
3. A pneumatic tube traffic counter is located across North Rim Drive. The traffic count is divided by 2 to adjust for entering and exiting vehicles. The adjusted traffic count is multiplied by the PPV multiplier in Table 2.
4. The number of visitors to the Red Rocks area is estimated as 50 May through September or 20 April and October.

**Table 1**  
**Nonreportable Vehicle Count**

MONTH	NONREPORTABLE VEHICLES
January, February, March, December	60
April, November	90
May, October	240
June, July, August, September	420

**Table 2**  
**Persons-per-Vehicle Multipliers by Season**

SEASON	PERSONS-PER-VEHICLE
November - January	2.77
February - April	2.19
May - July	2.72
August - October	2.54

#### Recreation Visitor Hours

Recreation visitor hours are the sum of the subtotals of each of the categories listed in Table 3. Each subtotal is the result of multiplying the number of visitors associated with that category by its length-of-stay multiplier.

**Table 3**  
**Average Length-of-Stay Multipliers**

CATEGORY	AVERAGE LENGTH-OF-STAY November - April	AVERAGE LENGTH-OF-STAY May - October
South Rim, North Rim and Rock Area Visitors	1.75 Hours	3.5 Hours
Inner Canyon Hikers, Rock Climbers, Cross-Country Skiers and River Runners	12 Hours	12 Hours

Overnight Stays	14.5 Hours	23.4 Hours
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#### Overnight Stays

NPS Campgrounds - North Rim Campground and South Rim Campground

The number of tent and RV sites occupied is multiplied by the persons-per-vehicle multiplier in Table 2.

NPS Backcountry - Various Locations

The number of backcountry overnight stays is determined from permits issued.

#### Special Use Data

- Line a. Inner Canyon hikers
- Line b. North Rim Ranger Station visitors
- Line c. Technical rock climbers
- Line d. Cross country skiers
- Line e. South Rim visitors
- Line f. North Rim visitors
- Line g. Number of river runners
- Line n. Number of tour buses